

What is Claimed is;

1. A system for identifying an individual, comprising:

a sensor-incorporated display;

a means for reading biological information of a user by means of said

5 sensor-incorporated display;

a means for checking read biological information with reference biological  
information; and

a means for transmitting information about a checking result to a destination  
of communication in the case where said checking has matched.

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2. A system according to claim 1, wherein said biological information of said user  
is a palm pattern or finger prints.

3. A system according to claim 2, wherein said palm pattern is the whole or a  
15 part of user's palm.

4. A system according to claim 1, wherein said sensor-incorporated display is a  
spontaneous light emitting display.

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5. A system according to claim 1, wherein said sensor-incorporated display is an  
EL display.

6. A system according to claim 1, wherein said sensor-incorporated display is a  
contact type area sensor.

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7. A system for identifying an individual, comprising:

a sensor-incorporated display;

a means for reading biological information of a user by means of said sensor-incorporated display;

5 a means for checking read biological information with reference biological information;

a means for transmitting information about a checking result to a destination of communication in the case where said checking has matched; and

10 a means for notifying said user, after said destination of communication receives information that said checking has matched, that communication between said user and said destination of communication has been authorized.

8. A system according to claim 7, wherein said biological information of a user is a palm pattern or finger prints.

15 9. A system according to claim 8, wherein said palm pattern is the whole or a part of user's palm.

10. A system according to claim 7, wherein said sensor-incorporated display is  
20 a spontaneous light emitting display.

11. A system according to claim 7, wherein said sensor-incorporated display is an EL display.

12. A system according to claim 7, wherein said sensor-incorporated display is a contact type area sensor.

13. A system for identifying an individual comprising:

- 5 a sensor-incorporated display of a portable communication device;
- a means for reading biological information of a user by means of said sensor-incorporated display;
- a means for checking read biological information with information stored in said portable communication device; and
- 10 a means for transmitting information about a checking result to a destination of communication in the case where the checking has matched.

14. A system according to claim 13, wherein all said means can be controlled by said user using operating keys provided on said portable communication device.

15 15. A system according to claim 14, wherein said operating keys can be controlled by only a dominant hand of said user.

16. A system according to claim 14, wherein said operating keys can be  
20 controlled by only index finger of said user.

17. A system according to claim 14, wherein said operating keys can be controlled by only thumb of said user.

18. A system according to claim 13, wherein operations are carried out at the same time as a power supply to said portable communication device.

19. A system according to claim 13, wherein said biological information of said user is a palm pattern or finger prints.

20. A system according to claim 19, wherein said palm pattern is the whole or a part of user's palm.

21. A system according to claim 13, wherein said sensor-incorporated display is a spontaneous light emitting display.

22. A system according to claim 13, wherein said sensor-incorporated display is an EL display.

23. A system according to claim 13, wherein said sensor-incorporated display is a contact type area sensor.

24. A system for identifying an individual comprising:

- a sensor-incorporated display of a portable communication device;
- a means for reading biological information of a user by means of said sensor-incorporated display;
- a means for checking read biological information with reference biological information stored in said portable communication device;

a means for transmitting information about a checking result to a destination of communication in the case where the checking has matched; and

a means for transmitting information that communication between said user and said destination of communication to said portable communication device has been  
5 authorized after said destination of communication receives information that said checking has matched.

25. A system according to claim 24, wherein all said means can be controlled by said user using operating keys provided on said portable communication device.

26. A system according to claim 25, wherein said operating keys can be controlled by only a dominant hand of said user.

27. A system according to claim 25, wherein said operating keys can be  
15 controlled by only index finger of said user.

28. A system according to claim 25, wherein said operating keys can be controlled by only thumb of said user.

29. A system according to claim 24, wherein operations are carried out at the  
20 same time as a power supply to said portable communication device.

30. A system according to claim 24, wherein said biological information of said user is a palm pattern or finger prints.

31. A system according to claim 30, wherein said palm pattern is the whole or a part of user's palm.

32. A system according to claim 24, wherein said sensor-incorporated display is  
5 a spontaneous light emitting display.

33. A system according to claim 24, wherein said sensor-incorporated display is an EL display.

10 34. A system according to claim 24, wherein said sensor-incorporated display is a contact type area sensor.

35. A system for identifying an individual, comprising:

a sensor-incorporated display;

15 a means for reading biological information of a user by means of said sensor-incorporated display;

a means for checking read biological information with reference biological information; and

20 a means for transmitting information about a checking result to a destination of communication through Internet.

36. A system according to claim 35, wherein said sensor-incorporated display is a spontaneous light emitting display.

37. A system according to claim 35, wherein said sensor-incorporated display is an EL display.

38. A system according to claim 35, wherein said sensor-incorporated display is  
5 a contact type area sensor.

39. A system for identifying an individual, comprising:

a sensor-incorporated display of a portable communication device;

a means for reading the biological information of a user by means of said  
10 sensor-incorporated display;

a means for checking read biological information with reference biological  
information stored in said portable communication device; and

a means for transmitting information about a checking result to a destination  
of communication through Internet, only in the case where it is judged necessary by  
15 said portable communication device or by the destination of communication.

40. A system according to claim 39, wherein said sensor-incorporated display is  
a spontaneous light emitting display.

20 41. A system according to claim 39, wherein said sensor-incorporated display is  
an EL display.

42. A system according to claim 39, wherein said sensor-incorporated display is  
a contact type area sensor.





a means for checking read biological information with reference biological information stored in said portable communication device;

a means for transmitting information about a checking result to a destination of communication through Internet, only in the case where it is judged necessary by said portable communication device or by the destination of communication; and

a means for transmitting information that the communication between said user and said destination of communication has been authorized to said portable communication device through the Internet, after said destination of communication receives information that said checking has matched, .

48. A system according to claim 47, wherein said sensor-incorporated display is a spontaneous light emitting display.

49. A system according to claim 47, wherein said sensor-incorporated display is an EL display.

50. A system according to claim 47, wherein said sensor-incorporated display is a contact type area sensor.

51. A method for identifying an individual, comprising steps of:  
reading the biological information of a user by means of a sensor-incorporated display;  
checking read biological information with reference biological information;  
and

transmitting information about a checking result to a destination of communication in the case where the checking has matched.

52. A method according to claim 51, wherein said biological information of said user is a palm pattern or finger prints.

53. A method according to claim 52, wherein the palm pattern is the whole or a part of user's palm.

54. A method according to claim 51, wherein said sensor-incorporated display is a spontaneous light emitting display.

55. A method according to claim 51, wherein said sensor-incorporated display is an EL display.

56. A method according to claim 51, wherein a sensor that said sensor-incorporated display has is an area sensor of contact types.

57. A method for identifying an individual, comprising steps of:

reading biological information of a user by means of a sensor-incorporated display;

checking read biological information with reference biological information;

transmitting information about a checking result to a destination of communication in the case where the checking has matched and

notifying said user, after the destination of communication receives information that said checking has matched, that communication between said user and said destination of communication has been authorized.

5        58. A method according to claim 57, wherein said biological information of said user is a palm pattern or finger prints.

10        59. A method according to claim 58, wherein the palm pattern is the whole or a part of user's palm.

15        60. A method according to claim 57, wherein said sensor-incorporated display is a spontaneous light emitting display.

20        61. A method according to claim 57, wherein said sensor-incorporated display is an EL display.

25        62. A method according to claim 57, wherein a sensor that said sensor-incorporated display has is an area sensor of contact types.

30        63. A method for identifying an individual, comprising steps of:  
              reading biological information of a user by means of a sensor-incorporated display of portable communication device;  
              checking read biological information with reference biological information stored in said portable communication device; and

transmitting information about a checking result to a destination of communication in the case where said checking has matched.

64. A method according to claim 63, wherein all said steps can be controlled by said user using operating keys provided on said portable communication device.

65. A method according to claim 64, wherein said operating keys can be controlled by only a dominant hand of said user.

66. A method according to claim 64, wherein said operating keys can be controlled by only index finger of said user.

67. A method according to claim 64, wherein said operating keys can be controlled by only thumb of said user.

68. A method according to claim 63, wherein operations are carried out at the same time as a power supply to said portable communication device.

69. A method according to claim 63, wherein said biological information of said user is a palm pattern or finger prints.

70. A method according to claim 69, wherein the palm pattern is the whole or a part of user's palm.

71. A method according to claim 63, wherein said sensor-incorporated display is a spontaneous light emitting display.

72. A method according to claim 63, wherein said sensor-incorporated display is  
5 an EL display.

73. A method according to claim 63, wherein a sensor that said sensor-incorporated display has is an area sensor of contact types.

74. A method for identifying an individual comprising steps of:  
10 reading biological information of a user by means of a sensor-incorporated display of portable communication device;  
checking read biological information with reference biological information stored in said portable communication device;;  
15 transmitting information about a checking result to a destination of communication in the case where the checking has matched; and  
transmitting information that communication between said user and said destination of communication has been authorized to said portable communication device after the destination of communication receives information that said checking  
20 has matched.

75. A method according to claim 74, wherein all said steps can be controlled by said user using operating keys provided on said portable communication device.

76. A method according to claim 75, wherein said operating keys can be controlled by only a dominant hand of said user.

77. A method according to claim 75, wherein said operating keys can be controlled by only index finger of said user.

78. A method according to claim 75, wherein said operating keys can be controlled by only thumb of said user.

79. A method according to claim 74, wherein operations are carried out at the same time as a power supply to said portable communication device.

80. A method according to claim 74, wherein said biological information of said user is a palm pattern or finger prints.

81. A method according to claim 80, wherein the palm pattern is the whole or a part of user's palm.

82. A method according to claim 74, wherein said sensor-incorporated display is a spontaneous light emitting display.

83. A method according to claim 74, wherein said sensor-incorporated display is an EL display.

84. A method according to claim 74, wherein a sensor that said sensor-incorporated display has is an area sensor of contact types.

85. A method for identifying an individual, comprising steps of:

5 reading biological information of a user by means of a sensor-incorporated display;

checking read biological information with reference biological information; and

10 transmitting information about checking result to a destination of communication through Internet.

86. A method according to claim 85, wherein said sensor-incorporated display is a spontaneous light emitting display.

15 87. A method according to claim 85, wherein said sensor-incorporated display is an EL display.

88. A method according to claim 85, wherein a sensor that said sensor-incorporated display has is an area sensor of contact types.

20 89. A method for identifying an individual, comprising steps of:  
reading biological information of a user by means of a sensor-incorporated display of a portable communication device;

25 checking read biological information with reference biological information stored in said portable communication device; and

transmitting information about a checking result to a destination of communication through Internet, only in the case where it is judged necessary by said portable communication device or by the destination of communication.

5        90. A method according to claim 89, wherein said sensor-incorporated display is a spontaneous light emitting display.

91. A method according to claim 89, wherein said sensor-incorporated display is an EL display.

10        92. A method according to claim 89, wherein a sensor that said sensor-incorporated display has is an area sensor of contact types.

93. A method for identifying an individual, comprising steps of:

15        reading biological information of a user by means of a sensor-incorporated display;

          checking read biological information with reference biological information;

          transmitting information about a checking result to a destination of communication through Internet; and

20        notifying said user, after said destination of communication receives information that the checking has matched, that communication between said user and said destination of communication has been authorized.

94. A method according to claim 92, wherein said sensor-incorporated display is

25        a spontaneous light emitting display.



95. A method according to claim 92, wherein said sensor-incorporated display is an EL display.

96. A method according to claim 92, wherein a sensor that said sensor-incorporated display has is an area sensor of contact types.

97. A method for identifying an individual, comprising steps of:

- reading biological information of a user by means of a sensor-incorporated display of a portable communication device;
- checking read biological information with reference biological information stored in said portable communication device;
- transmitting information about a checking result to a destination of communication through Internet, only in the case where it is judged necessary at said portable communication device or at the destination of communication; and
- transmitting information to said portable communication device through the Internet, after said destination of communication receives information that said checking has matched, that the communication between said user and said destination of communication has been authorized.

98. A method according to claim 97, wherein said sensor-incorporated display is a spontaneous light emitting display.

99. A method according to claim 97, wherein said sensor-incorporated display is an EL display.

100. A method according to claim 97, wherein a sensor that said sensor-incorporated display has is an area sensor of contact types.

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